

To: MURPHY, BRIDGET[BSMURPHY@idem.IN.gov]; Peltier, Jayne E[JPeltier1@dnr.IN.gov]; STANIFER, MARK[MSTANIFE@idem.IN.gov]
Cc: Moody, Jonathan[moody.jonathan@epa.gov]; CLARK METTLER, MARTHA[MCLARK@idem.IN.gov]; Weinzapfel, Steve J[sweinzapfel@dnr.IN.gov]; Sartoris, Pete M[psartoris@dnr.IN.gov]; Chase, Felicia[chase.felicia@epa.gov]; Bahr, Ryan[bahr.ryan@epa.gov]
From: Schwer, Don
Sent: Thur 7/21/2016 7:50:40 PM
Subject: RE: Peabody Francisco Mine
[30002H0Y.pdf](#)

See attached for EPA's guidance document- Performing Quality Flow Measurements at Mine Sites.

From: MURPHY, BRIDGET [mailto:BSMURPHY@idem.IN.gov]
Sent: Monday, July 18, 2016 2:44 PM
To: Schwer, Don <Schwer.Don@epa.gov>; Peltier, Jayne E <JPeltier1@dnr.IN.gov>; STANIFER, MARK <MSTANIFE@idem.IN.gov>
Cc: Moody, Jonathan <moody.jonathan@epa.gov>; CLARK METTLER, MARTHA <MCLARK@idem.IN.gov>; Weinzapfel, Steve J <sweinzapfel@dnr.IN.gov>; Sartoris, Pete M <psartoris@dnr.IN.gov>
Subject: RE: Peabody Francisco Mine

Mark Stanifer, my boss, will be able to do a call on the 21st. I have copied him on this email.

B

From: Schwer, Don [mailto:Schwer.Don@epa.gov]
Sent: Monday, July 18, 2016 2:05 PM
To: Peltier, Jayne E
Cc: Moody, Jonathan; CLARK METTLER, MARTHA; Weinzapfel, Steve J; Sartoris, Pete M; MURPHY, BRIDGET
Subject: RE: Peabody Francisco Mine

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Hello All,

I am free the afternoon of the 20th and 21st. Please let me know what would work best with you.

Thank you,

Donald R. Schwer III

Agricultural Engineer/Enforcement Officer

Environmental Protection Agency

Water Division, Water Enforcement and Compliance Assurance

U.S. EPA Region 5 Tel: (312) 353-8752

77 W. Jackson Blvd. (WC-15J) Fax: (312) 886-6090

Chicago, IL 60604 Email: schwer.don@epa.gov

 *Please consider the environment before printing this e-mail*

From: Peltier, Jayne E [<mailto:JPeltier1@dnr.IN.gov>]

Sent: Monday, July 18, 2016 9:49 AM

To: Schwer, Don <Schwer.Don@epa.gov>

Cc: Moody, Jonathan <moody.jonathan@epa.gov>; CLARK METTLER, MARTHA <MCLARK@idem.IN.gov>; Weinzapfel, Steve J <sweinzapfel@dnr.IN.gov>; Sartoris, Pete M <psartoris@dnr.IN.gov>; MURPHY, BRIDGET <BSMURPHY@idem.IN.gov>

Subject: RE: Peabody Francisco Mine

Don,

I have spoken with our counterparts at IDEM and have included them on this email. Could you please send out a couple of dates and times for this week to have a conference call concerning flow monitoring at the Peabody Mine and other issue mentioned in your previous email(See below).

Thanks,

Jayne Peltier

jpeltier1@dnr.in.gov

IN Department of Natural Resources
Division of Reclamation
14619 West State Road 48
Jasonville, IN 47438
812-665-2207 or 1-800-772-6463 (in IN)
Fax: 812-665-5041

Hello All,

As you know, EPA inspected Peabody Francisco Underground Mine last year. EPA issued a Notice of Violation (NOV) to Peabody for inadequate flow monitoring and for failure to sample during Dry Weather Base Flow conditions. In the response to the NOV, Peabody made multiple statements in which I would like input from IDEM and IDNR.

First, Peabody contended that flow monitoring via the float methodology is fully authorized for use under IDEM regulations. Please let me know if this methodology is recognized by IDEM and IDNR as an acceptable methodology. EPA guidance does not list flow monitoring via the float method as an appropriate flow measuring technique. Furthermore, the United States Geological Survey's guidance for flow monitoring states "floats have very limited use in stream gauging, but there are two occasion when they prove useful. A float can be used where velocity is too low to obtain reliable measurement with a current meter. They are also used where flood measurements are needed and the measuring structure has been destroyed or it is impossible to use a meter." Please let me know the states position on flow monitoring at mine sites and, if available, provide any state guidance on flow monitoring for mine sites.

Secondly, Peabody contends that the float method is widely used throughout the Indiana Basin. Please let me know if this statement is accurate and whether or not mines are widely employing this methodology to fulfil their NPDES requirements.

If you prefer, I can set up a conference call sometime next week in which we can discuss this further. Thursday July 14, 2016 at 9 am central would work for me.

Thank you,

Donald R. Schwer III

Agricultural Engineer/Enforcement Officer

Environmental Protection Agency

Water Division, Water Enforcement and Compliance Assurance

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Chicago, IL 60604 Email: schwer.don@epa.gov
<<mailto:schwer.don@epa.gov>>

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